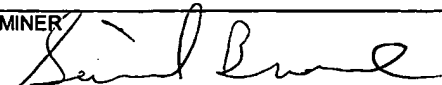


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Sheet	1	OF	4				

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SB	3,510,225	5/5/70	Collis et al.			
SB	3,519,354	7/7/70	Brown et al.			
SB	3,640,626	2/9/72	Liskowitz			
SB	3,668,674	6/6/72	Westendorf			
SB	3,758,211	9/11/73	Bateman et al.			
SB	5,075,856	12/24/91	Kneizys et al.			
SB	5,239,352	8/24/93	Bissonnette			
SB	5,452,723	9/26/95	Wu et al.			

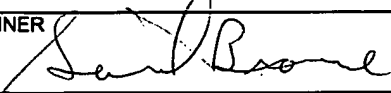
Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SB	EP 1 022 549 A1	7/26/00	EPO				

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)	
SB	Abel, T. and Wandelt, B.D., 2001, "Adaptive Ray Tracing for Radiative Transfer Around Point Sources", Mon. Not. R. Astron. Soc., 000, 000-000 1-5.
	Ambartsumian, V., 1945, "A point source of light within a scattering medium", Bulletin of the Erevan Astronomical Observatory 6, 3.
	Beckman et al., 1994, "Intraocular light scattering in vision, artistic painting, and photography", Applied Optics 33,21.
	Bissonnette, L.R., 1988, "Multiscattering Model for Propagation of Narrow Light Beams in Aerosol Media", Applied Optics, 27(12):2478-2509.
	Bissonnette, L.R., et al., 1988, "Transmitted Beam Profiles, Integrated Backscatter, and Range-Resolved Backscatter in Inhomogeneous Laboratory Water Droplet Clouds", Applied Optics, 27(12):2485-2494.
	Blasi et al., 1993, "A rendering algorithm for discrete volume density objects", Computer Graphics Forum 12,3,201-210.
	Bradley et al., 2000, "Measurements of rainfall properties using long optical path imaging", J. of Atmospheric and Oceanic Technology, 17: 761-772.

EXAMINER 	DATE CONSIDERED 11/1/2005
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.	

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50	Chandrasekhar, S., 1944, "On the Radiative Equilibrium of a Stellar Atmosphere. V", American Astronomical Society, 95-107.
	Chitanvis, S.M., et al., 1988, "Effect of Thermal Blooming on Pulse Propagation Through Vaporizing Aerosols", Applied Optics 27(12):2495-2501
	Cozman, F. et al., "Depth from Scattering", Robotics Institute, Carnegie Mellon University, Pittsburgh
	Dorsey et al., 1999, "Modeling and rendering of weathered stone", SIGGRAPH 99, 225-34.
	Ebert and Parent, 1990, "Rendering and animation of gaseous phenomena by combining fast volume and scaline a-buffer techniques, SIGGRAPH 90. 357-66.
	Elliott, 1955, "Milne's problem with a point source", Proc. Of Royal Soc. Of London, Series A., Mathematical and Physical Sciences 228, 1174.
	Fang et al., 1995, "The coronal aureole", Astronomy and Astrophysics, 293.
	Grewe, L. et al. 1998, "Atmospheric Attenuation Reduction Through Multi-Sensor Fusion", SPIE, 3376:102-109.
	Hanrahan and Krueger, 1993, "Reflection from layered surfaces due to subsurface scattering", SIGGRAPH 93. 165-74.
	Henye et al., 1941, "Diffuse radiation in the galaxy", Astrophysics Journal 93, 70-83.
	Ishimaru, A., 1978, "Limitation on Image Resolution by a Random Medium", Applied Optics, 17(3): 348-352.
	Jaffe, J., 1990, "Computer Modeling and the Design of Optimal Underwater Imaging Systems", IEEE Journal of Oceanic Engineering, 15(2): 101-111.
	Jaffe, J., 1995 "Monte Carlo Modeling of Underwater-Image Formation: Validity of the Linear and Small-Angle Approximations", Applied Optics, 34(24): 5413-5421.
	Jensen et al., "A Physically-Based Night Sky Model", To appear in the SIGGRAPH conference proceedings.
	Jensen et al., "Efficient Simulation of Light Transport in Scenes with Participating Media Using Photon Maps.", Mental Images GmbH & Co. KG, Fasanenstraße 81, D-10623 Berlin, Germany.
	Jensen et al., 2001, "A practical Model for subsurface light transport", SIGGRAPH 01. 511-18.
	Kajiya and Herzen, 1984, Ray tracing volume densities. SIGGRAPH 84. 165-174
	Koenderink and Van Doorn, 2001, "Shading in the case of translucent objects", Human Vision and Electronic Imaging VI, Rogowitz, Pappas, eds., SPIE. 312-320.
	Kopeika, N. , 1981, "General wavelength dependence of imaging through the atmosphere", 20,9.
	Kwan, W.C. et al., 1999, "Iterative Methods for Phase Diversity-based Blind Deconvolution in Atmospheric Optics", Department of Mathematics, The University of Hong Kong, 0-7803-5467-2/99 IEEE.

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SB	Languenou et al., 1994, "Global illumination in presence of participation media with general properties", Eurographics Rendering Workshop, 69-85.
	Linskens and Bohren, 1994, "Appearance of the Sun and the moon seen through clouds", Applied Optics, 33 (21).
	Lutomirski, R.F., 1978, "Atmospheric Degradation of Electrooptical System Performance", Applied Optics, 17(24): 3915-3921.
	Marshak, R., 1947, "Note on the spherical harmonic method as applied to the milne problem for a sphere", Physical Review 71(7): 443-446.
	Max, N., 1994, "Efficient light propagation for multiple anisotropic volume scattering ", Eurographics Rendering Workshop, 87-104.
	McCormick, N.J. et al., 2000, "Isotropic Spherical Source Analysis for Ocean Optics", Applied Optics, 39(27):4902-4910.
	Mitsunaga and Nayar, 1999, "Radiometric Self Calibration", Proc. Of CVPR, 1:374-380.
	Nakamae et al., 1986, "Montage: the overlaying of the computer generated image onto a background photograph", 20,3:207-14.
	Nakamae et al., 1990, "A lighting model aiming at drive simulators", SIGGRAPH 90.395-404.
	Narasimhan and Nayar, 2000, "Chromatic framework for vision in bad weather", Proc. CVPR.
	Narasimhan and Nayar, 2001, "Removing weather effects from monochrome images", Proc. CVPR.
	Narasimhan et al., 2002, "All the images of an outdoor scene" Proc. ECCV.
	Narasimhan and Nayar, August 2002, "Vision and the atmosphere", 28, 3.
	Nayar and Narasimhan, 1999, "Vision in bad weather", Proc. ICCV.
	Nishita and Nakamae, 1987, "A shading model for atmosphere scattering considering luminous intensity distribution of light sources", 21, 3, 303-310.
	Nishita et al., 1996, "Display of clouds taking into account multiple anisotropic scattering and sky light", SIGGRAPH 96.379-386.
	Oakley and Satherley, 1998, "Improving image quality in poor visibility conditions using a physical model for degradation", IEEE Trans. On Image Processing, 7 Feb.
	Pattanaik and Mudur, 1993, "Computation of global illumination in a participating medium by monte carlo simulation", J. of Visualization and Computer Animation, 4, 3, 133-152.
	Pharr and Hanrahan, 2000, "Monte Carlo Evaluation of non-linear scattering equations for subsurface reflection", SIGGRAPH 00. 75-84.
✓	Reinersman, P.N. et al., 1995, "Monte Carlo Simulation of the Atmospheric Point-Spread Function With an Application to Correction for the Adjacency Effect", Applied Optics, 34(21):4453-4471

EXAMINER <i>Saul Broome</i>	DATE CONSIDERED <i>11/1/2005</i>
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Sheet	4	OF	4				

SB	Rushmeier and Torrance, 1987, "The zonal method for calculating light intensities in the presence of a participating medium", SIGGRAPH 87. 293-302.
	Sakas, G., 1990, "Fast rendering of arbitrary distributed volume densities", Eurographics 90. 519-530.
	Schechner et al., 2001, "Instant Dehazing of Images Using Polarization", Proc. CVPR.
	Schuster, A., 1905, "Radiation Through A Foggy Atmosphere", The Astrophysical Journal, 21(1):1-22.
	Spencer et al., 1995, "Physically based glare effects for digital images", SIGGRAPH 95. 325-334.
	Stam, J., 1995, "Multiple scattering as a diffusion process", Eurographics Rendering Workshop 41-50.
	Stamnes, K., et al., 1988, "Numerically Stable Algorithm for Discrete-Ordinate-Method Radiative Transfer in Multiple Scattering and Emitting Layered Media", Applied Optics 27(12):2502-2509
	Suen, P., et al., 2001, "The Impact of Viewing Geometry on Vision Through the Atmosphere", Electrical and Computer Engineering University of California, IEEE 0-7695-1143-0/01, 454-459.
	Tan, K. et al., 2000, "Enhancement of Color Images in Poor Visibility Conditions", Department of Electrical Engineering and Electronics UMIST, IEEE 0-7803-6297-7/00, 788-791.
	Voss, K.J. and Chapin, A.L., 1990, "Measurement of the Point Spread Function in the Ocean", Applied Optics, 29(25): 3638-3642.
	Zardecki, A. and Deepak, A., 1983, "Forward Multiple Scattering Corrections as a Function of Detector Field of View", Applied Optics, 22(19): 2970-2976.
✓	Zardecki, A., et al., 1986, "Two- and Three-Dimensional Radiative Transfer in the Diffusion Approximation", Applied Optics, 25(19): 3508-3515.

EXAMINER <i>Sam Brown</i>	DATE CONSIDERED <i>11/1/2005</i>
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